

**PATENT**

Atty. Docket No. 104916

Express Mail Label No. EV 785819129 US

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s):	Jianxin Bao	Art Unit	1647
Serial No.:	10/550,673	Examiner:	TBA
Filed:	September 26, 2005	Conf. No.	1449
For:	NEUREGULIN PROTEIN REGULATION OF SYNAPTIC PROTEINS		

Mail Stop - PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER IN RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/  
ELECTED OFFICE (DO/EO/US)**

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In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," date mailed May 11, 2006, enclosed is Applicant's signed Declaration and Power of Attorney. A copy of this Notice is returned herewith.

The Commissioner is hereby authorized to charge all required fees or credit any overpayments to Deposit Account No. 50-1662.

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC



Date: June 14, 2006

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/550,673	Jianxin Bao	104916

INTERNATIONAL APPLICATION NO.	
PCT/US04/09499	
I.A. FILING DATE	PRIORITY DATE
03/26/2004	03/26/2003

27148  
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CONFIRMATION NO. 1449

## 371 FORMALITIES LETTER



\*OC000000018746106\*

Date Mailed: 05/11/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/26/2005
- Copy of the International Search Report filed on 09/26/2005
- Preliminary Amendments filed on 09/26/2005
- Information Disclosure Statements filed on 03/15/2006
- Biochemical Sequence Diskette filed on 09/26/2005
- Small Entity Statement filed on 09/26/2005
- U.S. Basic National Fees filed on 09/26/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

MAY 15 2006

- \$65 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)


*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/550,673	PCT/US04/09499	104916

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			<b>Matter No.</b>
Applicant: Jianxin Bao			<b>104916</b>
<b>Serial No.</b>	<b>Filing Date</b>	<b>Examiner</b>	<b>Group Art Unit</b>
10/550,673	September 26, 2005	TBA	1647
<b>Invention: NEUREGULIN PROTEIN REGULATION OF SYNAPTIC PROTEINS</b>			
<p>I hereby certify that:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Letter in Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (1 page);</li> <li><input checked="" type="checkbox"/> Declaration and Power of Attorney (3 pages);</li> <li><input checked="" type="checkbox"/> Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected OFFICE (DO/EO/US) (2 pages);</li> <li><input checked="" type="checkbox"/> Fee Transmittal Sheet (1 page in duplicate);</li> <li><input checked="" type="checkbox"/> A Certificate of Mailing By "Express Mail" (1 page);</li> <li><input checked="" type="checkbox"/> Authorization to charge required fees, or credit any overpayment, to Deposit Account No. 50-1662; and</li> <li><input checked="" type="checkbox"/> A stamped, pre-addressed postcard</li> </ul> <p>are being mailed by U.S. Postal Service Express Mail to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 14<sup>th</sup> day of June, 2006.</p> <div style="text-align: right;"> <p><u>Scot Brown</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p><u></u> (Signature of Person Mailing Correspondence)</p> <p><u>EV 785819129 US</u> (“Express Mail” Mailing Label Number)</p> </div>			

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 65**Complete if Known**

Application Number	10/550,673
Filing Date	September 26, 2005
First Named Inventor	Jianxin Bao
Examiner Name	TBA
Art Unit	1647
Attorney Docket No.	104916

**METHOD OF PAYMENT** (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-1662 Deposit Account Name: Polsinelli Shalton Welte Suelthaus

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
 HP = highest number of total claims paid for, if greater than 20.  
**Indep. Claims** - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_  
 HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	


**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Late Submission of Declaration**Fees Paid (\$)**

65

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 40,593	Telephone 314-889-8000
Name (Print/Type)	Kathryn J. Doty		Date June 14, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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